

# CSWC Operational Period Summary

## 1800 May 25 2015 to 0600 May 26 2015



California Department of Fish and Wildlife officers intercept a commercial fish in vessel that was actively fishing in a closed area due to the Refugio Beach oil spill.

Photo Credit: California Department of Fish and Wildlife

Note: [Report changes/updates are in blue](#)



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

# SITUATION SUMMARY

## Significant Events – National

### **4 dead after record storms in Texas, Oklahoma; 12 missing in one county**

(CNN) — Record-setting rains left officials in Texas and Oklahoma scrambling to assess the scope of the damage and destruction Monday as an emergency coordinator told reporters that a dozen people were missing in one county. The 12 people missing in Hays County, Texas, come from families who had gathered for the long weekend, said Ken Bell, emergency coordinator for San Marcos, one of the cities hardest hit by the storms and flooding. The group likely includes children, Bell said. The county still has Internet problems, and cell phone networks are overwhelmed. "People outside our community know more about what's going on than people inside our community," Bell said. The severe weather has left at least four people dead, including one in Texas and three in Oklahoma, and washed away hundreds of homes. The storms are easing up, but it doesn't mean the threat is gone. The torrents that those storms dumped are still too much for river and creek banks to contain, and runoff was peaking early Monday, threatening continued flooding, the National Weather Service warned. And rain relief is not coming to everyone. A flash flood emergency was issued Monday for several areas in south-central Texas, including the city of Austin and Hays County. Thunderstorms were moving over the area and an additional rainfall of 3-6 inches was expected, according to the National Weather Service. Forecasters warned that with the ground already saturated, even a small amount of new rain could have devastating consequences. "Only an inch or two of rainfall could quickly lead to more flash flooding concerns," the weather service said. The destruction and threat of more inclement weather prompted Texas Gov. Greg Abbott to add 24 counties to the 13 already under an emergency disaster declaration, allowing the state to use all the resources "reasonably necessary to cope with this disaster." Forecasts call for thunderstorms, hail, high winds, flash flooding, river flooding and tornadoes this week, the governor's statement said.

## Significant Events – International

### **Russia begins massive air force exercise**

(BBC News) — Russia's military forces have begun a large exercise involving around 250 aircraft and 12,000 service personnel, according to its defense ministry. The ministry described the four-day drill as a "massive surprise inspection", to check combat readiness. The tests began on the same day as Nato and some of its partners started an Arctic training exercise. Russia's actions in Ukraine and incursions into Western airspace have led to rising tensions with the West. According to reports on the Russian agencies Interfax and Tass, the inspection of the aviation group and air defense forces in the central military district involves almost 700 weapons and pieces of military hardware. During the exercise, Russia's long-range aircraft are due to carry out cruise missile strikes on practice targets in the Komi republic. The BBC's Caroline Wyatt, in Moscow, says the current drills are in preparation for a larger exercise known as Center-2015 in the next few months. Asked about Russia's assertiveness in a TV interview, Deputy Prime Minister Dmitry Rogozin joked that "tanks don't need visas". The outspoken politician is himself on EU and US blacklists as part of sanctions following Russia's annexation of Crimea last year, limiting his travel options.

# **SITUATION SUMMARY**

## **SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

- On 05/19/15 at 1243 hours the California State Warning Center received a report from the Santa Barbara County Fire Department indicating that a ¼ mile sheen was observed off of Refugio State Beach, near Goleta, Santa Barbara County.
- On 05/19/15 at 1510 hours the NRC reported that Plains All American Pipeline advised that crude oil was discovered to be coming out of a transmission pipeline at a Culvert under Highway 1. Contractors responded to scene and the action line was shut in.
- The source of the spill was capped at approximately 1500 hours on 05/19/15, but a significant amount of oil reached the ocean at Goleta.
- Mission opened in Cal EOC: **2015-05-19 Santa Barbara Refugio Oil Spill Incident.**
- The CSWC conducted all appropriate notifications, including but not limited to local government agencies.

## **Proclamations**

- Governor Brown Declares State of Emergency in Santa Barbara County to Assist Oil Spill Response.
- <http://gov.ca.gov/news.php?id=18967>
- A Proclamation from Santa Barbara County has been received. The County is not requesting CDAA at this time.
- On 05/22/15 City of Goleta submitted a Proclamation of Local Emergency. The City is not requesting CDAA at this time.
- On 05/23/15 the University of California Santa Barbara submitted a Proclamation of Campus Emergency with no requests at this time.

## **Activations**

On 05/25/15:

- The State Operations Center is activated at Level 1.
- The Southern Region Emergency Operations Center (REOC) is activated at Level 1.
- Santa Barbara EOC is activated at Level 3 from 0600 hours to 2300 hours.
- The EOC is being used for the ICP, and has an Operational Period of 24 hours – 0600 to 0559 hours.

# **SITUATION SUMMARY**

## **SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

### **Deployments**

- Unified Command:
  - Federal on Scene Coordinator: US Coast Guard (USCG) & the Environmental Protection Agency (EPA).
  - State on Scene Coordinator: CA State Parks & CA Fish and Wildlife (CDFW).
  - Local on Scene Coordinator: Santa Barbara County Office of Emergency Management (OEM).
  - Tribal Coordination: Santa Ynez Chumash Tribe, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl.
  - Responsible Party: Plains All American Pipeline LLC.
- Cal OES Deployments
  - Southern Regional Administrator
  - ESC from Cal OES Southern Region, Santa Barbara Territory Representative
  - ESC from Cal OES Southern Region, Ports and Harbor Representative
  - Two (2) ESC from Cal OES Southern Region, Agency Representative
  - Cal OES Southern Region PIO
  - Region I Fire and Rescue Assistant Chief

# **SITUATION SUMMARY**

## **SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

### **Responding Agencies**

#### **Federal**

- USCG, Pipeline and Hazardous Materials Safety Administration (PHMSA), EPA, US Fish and Wildlife, and NOAA.

#### **State**

- Cal OES, CA State Parks, Cal OSPR, CA Fish and Wildlife, Cal Volunteers, California Conservation Corps, and California Coastal Commission.

#### **Local**

- Santa Barbara County OEM, Santa Barbara County Fire Department, Santa Barbara Sheriff's Office, Owl Clan Consultant representing the three Clans: Barbareno, Coastal and Southern Owl, Santa Ynez Chumash Tribe , and the Gaviota Police Department.

### **Beach and Campground Closures**

- Refugio Beach camp ground and El Capitan state beach will remain closed through 06/04/15 or until deemed safe and staged equipment is removed.

### **Road Closures (Lane Reduction)**

- Highway 101 – The shoulder of highway 101 is intermittently closed for clean-up vehicle parking. The #2 lane of the southbound Hwy 101 is closed for approximately .5 miles about 1-mile north of Refugio Beach to accommodate additional vehicles staging for clean-up.

# **SITUATION SUMMARY**

## **SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

### **Tribal**

- Per the Cal OES Tribal Liaison:
  - The Santa Ynez Chumash Tribe (a Federally recognized Tribe) is now impacted and has sent a representative to the ICP.
    - The representative is the cultural monitor for the Tribe.
    - The Cal OES Southern Region ESC and Tribal Advisor, are in close contact with Santa Ynez Chumash Tribe to ensure proper consultation with the Federally recognized Tribe.
  - Cal OES Tribal Advisor reached out to the consultant for the three Non-Federally-recognized Clans (Barbareno, Coastal and Southern Owl) , and confirmed she is working directly with the Unified Command group to ensure that the three clans cultural sites are being protected.
  - A Southern Owl Clan member contacted the State Historic Preservation Office (SHPO) and CA Native American Heritage Commission (CNAHC) advising them that these clans have cultural sites in the impacted zone of this event.

### **Access and Functional Needs**

- Cal OES has coordinated a sign-language interpreter to assist with the Press Briefings.

### **Health and Medical**

- California Department of Fish and Wildlife closed affected fishing areas.
- Center for Toxicology & Environmental Health, LLC (CTEH) is conducting air monitoring. There have been no reports of inhalation concerns and no records of chemicals that could cause long term health effects. No reports of injuries from public or responders.

### **Economic Impacts**

- The Cal OES Southern Region and Individual Assistance Branch staff are coordinating the collection of data related to the economic impacts to locals businesses due to the oil spill. Cal OES has forwarded the Estimated Economic Injury Worksheet for Businesses to Santa Barbara County OEM staff to assist with this effort and determine if businesses within the County qualify for Economic Injury Disaster Loans (EIDLs).

### **Third-Party Claims**

- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill. Claim Phone Number: 866-753-6391. To date, no claims have been reported to the National Pollution Fund Center.

# **SITUATION SUMMARY**

## **SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

### **Environmental Impacts**

- Fishery Closure area expanded and now extends from Canada de Alegeria at the western edge to Coal Oil Point at the eastern edge and out to 6 miles seaward.
- California Department of Fish and Wildlife submitted a declaration of Fishery Closure on 05/21/15 due to a public health threat caused by the oil spill. OSPR has ordered a ban on fishing and the taking of shell fish in the spill area.
- On shore Patriot Environmental has 73 personnel doing protective works.
- The following areas have been cleared by cleaning crews:
  - Gaviota Creek
  - El Capitan Creek
  - Las Llagas
  - Tecolote Creek
  - Bell Canyon Creek
  - Deveraux Creek
  - Corral-La Flores Creeks
  - Arroyo Hondo Preserve and Creek
  - Eagle Canyon
- The following area has not yet been cleared:
  - Refugio Creek (spill site) – boomed

### **Wildlife**

- The Wildlife Care Network continues to conduct wildlife monitoring and recovery efforts. To date there have been confirmed; 25 birds captured, 13 birds DOA, 18 mammals captured, and 8 mammals DOA. 25 live birds (mostly Brown pelicans) have been admitted to the facility and 13 birds have been collected dead. 18 live marine mammal (12 California sea lions, 6 Northern elephant seals) and 8 dead marine mammals (3 common dolphins and 5 CA sea lions) have also been collected. Two live captured sea lions and two birds have died in care. One common dolphin has been determined to not be visibly oiled upon post-mortem examination. The remainder of dead marine mammals have not yet been internally assessed for oiling, necropsies pending.
- Freshwater lagoon drainages in the affected area have berms installed. Berms remain intact and provide protection for sensitive species from oil.

# **SITUATION SUMMARY**

## **SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

### **Pipeline Information**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
  - Per PHMSA, a Corrective Action Plan was submitted on 05/21/15 and will require the Responsible Party to remove all oil from the pipeline within 10 days.
  - A second tap has been drilled into the pipeline to aid in the extraction of the oil. Work conducted from 0001 through 0430 on 05/23/15, pumped 305 barrels of oil from the pipeline, filling approximate 2 ½ vacuum trucks which is equivalent to about 12,810 gallons of oil.
  - The investigation of the pipeline will be ongoing for approximately four (4) months
  - The exact amount of oil release is unknown but is estimated between 31,000 gallons to 105,000 gallons as a worst case scenario.
  - The worst case scenario spill volume has been reduced based on the amount of oil recovered from the damaged pipeline. The new worst case scenario volume is estimated at 101,000 gallons.
  - As of 1700 hours on 05/25/15, they have removed oiled soil around pipeline in preparation to remove the ruptured section of the pipe. The plan to remove pipe is being reviewed by Unified Command for approval.



# SITUATION SUMMARY

## SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

### **Response and Clean Up Efforts**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
  - Approximately 27 miles of coastline is being surveyed and protected.
  - Nearly 10 miles of coastline has been impacted from Gaviota to Coal Oil Point and about 30 miles offshore.
  - 12 sites have been identified as sensitive, all have been boomed.
  - The majority of oiling is located on beaches and in cobble riprap, between Arroyo Hondo and two (2) miles east El Capitan Beach. Additional pooling of oil exists east of the railroad tracks down to a depth of 30".
  - These areas have been targeted for light mechanical and manual removal.
  - An estimated 10,600 gallons of oily water mixture have been collected by skimmers offshore.
  - The remaining offshore oil exists within a thin sheen reducing the amount that can be collected via skimmers; therefore, offshore oil collection activities have been minimized. Onshore oil cleanup continues.
  - Approximately 2,240 feet of hard boom and 1,840 feet of absorbent boom for a total of 4,080 feet of boom are currently deployed.
  - An approximate 1460 cubic yards of soil has been excavated around the release area and workers continue to excavate area. 146 roll off containers have been filled to 10 cubic yards, and 30 have been transported to Freeport McMoran staging area.
  - US EPA is reviewing options for cleaning the cobbled beach areas.
  - NOAA Trajectory analysis estimates for 05/26/15 at 0530 hours show an area of scattered light oil off the coast starting from Heritage to Holly located north of Santa Barbara.
  - Clean up efforts continue on a 24 hour schedule.

# **SITUATION SUMMARY**

## **SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County**

### **Resources**

- Per Cal OES Southern Region Emergency Operations Center 1700 hours Situation Report:
- As of 1700 hours on 05/25/15, there are a total of 819 personnel from all organizations responding to the incident.
- There are 16 vessels available on scene to help with the response. Vessels not currently in use are being staged in the Ventura Harbor.
- There are 2 contracted aircraft deployed to this incident.
- Five Shoreline Clean Up Assessment Teams (SCATs) have been surveying shoreline to assess extent of impact and determine best method of clean up.
- Responsible Party has contracted with Patriot Environmental and Clean Seas Environmental to conduct cleanup operations.

### **Volunteers**

- OSPR is currently drafting a plan to use spontaneous volunteers to be approved by unified command. If approved, volunteers would be used to deliver information pamphlets and clean up beaches that are not yet contaminated. Cal Volunteers and Cal OES are coordinating with OSPR.
- The public can register to volunteer by visiting this website: <https://calspillwatch.dfg.ca.gov/Spill-Archive/Refugio-Incident/Volunteer>  
Oiled wildlife can be reported by calling 877-UCD-OWCN.
- OSPR's Convergent Volunteer toll free hot-line has been activated for information only.
- Santa Barbara County CERT volunteers are assisting the Santa Barbara EOC with logistical support, and in the field assisting with traffic control.
- California Fish and Wildlife Volunteers through a partnership with the California Conservation Corps continue to assist in beach clean-up.
- Cal OES continues to coordinate volunteer activities with Cal Volunteers, OSPR, the City of Santa Barbara, and Santa Barbara County OEM. An Emergency Volunteer Center is being established and hazmat training is being provided to volunteers. Volunteers are conducting beach cleaning operations on 05/26/15.
- Deployed staff is preparing volunteer coordination presentation for Santa Barbara County's Board of Supervisor meeting on 05/26/15.

### **Public Information**

- Joint Info Center (JIC) has been established.
- Press conferences are scheduled through the weekend at 1400 hours.
- OSPR has an incident website that the JIC will be posting information to.
  - JIC WEBSITE: <http://www.refugioresponse.com>
  - Future media inquiries regarding Refugio State Beach oil spill should call: **805-696-1188**.
- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill: 1-866-753-3619.



# **SITUATION SUMMARY**

## **4.3M Earthquake, Ferndale, Humboldt County**

- On 05/26/15 at 0317 hours, a magnitude 4.3 earthquake occurred 36 miles West-North-West of Ferndale, just offshore, at a depth of 6.8 miles.
- A Tsunami Information Statement was received. There was no tsunami threat to California.
- There were no reports of injury or damage per Humboldt County Warning Point.
- The California State Warning Center conducted a roll call with all California Coastal and Delta Counties.
- The Cal OES EQTSU Duty Officer will continue to monitor seismic activity in the region and provide updates as needed.

## **Cal EOC Incident – 2014 Drought**

- SOC / Inland REOC remains activated in support of 2014 Drought

## **Weather of Concern**

- There are no significant Watches or Warnings in effect at this time

**Active Weather Warnings, Watches and Advisories by County:** [http://www.wrh.noaa.gov/sto/brief/www\\_bc\\_cal.php](http://www.wrh.noaa.gov/sto/brief/www_bc_cal.php)

# WEATHER

## WEATHER SYNOPSIS BY REGION:

### **NORTHERN CALIFORNIA AND CENTRAL COASTAL AREAS:**

#### **Eureka Weather:**

An upper trough will bring scattered showers and isolated thunderstorms to Trinity County through this evening. Otherwise dry weather will continue to prevail. Low clouds will continue to impact coastal areas.

#### **Medford Weather:**

A ridge will continue to build into the Eastern Pacific while a low pressure moves across eastern Washington into southern Idaho. The main effect on the forecast area will be more warming across inland zones. A few short wave disturbances will initiate more thunderstorms across our southern zones along the line from the southern part of the marble mountains east northeast into the medicine lake area of eastern Siskiyou County then across southern Modoc County. On Wednesday there is less instability over northern California counties with thunderstorm chance confined to the southern part of the marble mountains northeast into the medicine lake area. The ridge will move inland on Thursday making Thursday and Friday very warm days of the week. The rogue valley could see high temperatures around 90 degrees on both Thursday and Friday. Temperatures will be warm through the weekend but should start to decrease early next week.

#### **Reno Weather:**

A low pressure trough will keep enough instability around for mainly isolated thunderstorms through Wednesday with decreasing coverage Thursday. Warmer and drier conditions will develop by this weekend as high pressure builds over California and Nevada.

#### **San Francisco Weather:**

Cooler than normal conditions will continue through Wednesday along with widespread clouds. Warmer conditions are expected during the second half of the week, especially for inland areas. However, coastal areas will see only limited warming as an onshore flow remains in place.

# WEATHER

## WEATHER SYNOPSIS BY REGION:

### **CENTRAL CALIFORNIA AND SOUTHERN SAN JOAQUIN VALLEY:**

#### **Sacramento Weather:**

Gradually warmer temperatures this week with mainly afternoon and evening mountain showers and thunderstorms through mid-week. Strengthening high pressure brings warmer weather with high temps peaking at 5 to 10 degrees above normal Thursday and Friday.

#### **Hanford Weather:**

A warming trend will occur over central California through the end of the week, with temperatures becoming above normal. Otherwise, the region will remain dry, except over the southern Sierra Nevada where afternoon showers and thunderstorms will be possible through Thursday.

### **SOUTHERN CALIFORNIA:**

#### **Los Angeles Weather:**

Onshore flow will bring night through morning low clouds and fog to the coast and into some valleys through the week, but areas farther inland will have fair skies. The temperatures will be near normal into midweek, then will warm to above normal through the weekend with fair skies at the beaches in the afternoons.

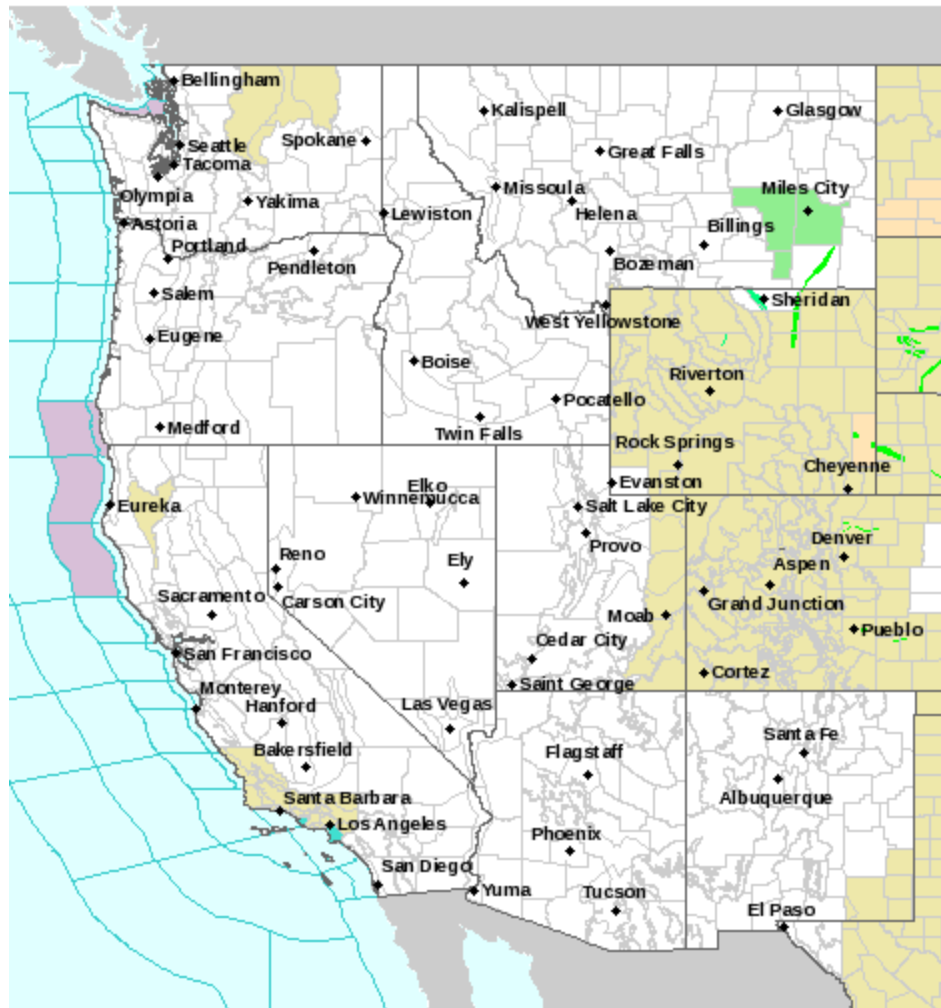
#### **Extreme Southwestern California including Orange, San Diego, Western Riverside and Southwestern San Bernardino Counties:**

High pressure will bring an inland warming trend through Saturday with a gradually shallower marine layer. Areas of night and morning coastal low clouds and fog will not extend as far into the valleys by late in the week. After Saturday, minor day to day differences are expected into early next week.

#### **Southeast California Weather:**

Dry weather along with a warming trend is forecast for the remainder of this week and weekend. A dry weather system will bring a period of cloudiness on Wednesday, but thereafter skies will remain clear to mostly clear through the weekend. Afternoon temperatures for the lower deserts by Friday through Sunday will generally top out between 100 and 105 degrees.

# STATE WEATHER MAP



- Flood Warning
- Flood Advisory
- Small Craft Advisory For Hazardous Seas
- Small Craft Advisory For Winds
- Small Craft Advisory
- Beach Hazards Statement
- Special Weather Statement
- Hazardous Weather Outlook
- Hydrologic Outlook



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# **FIRE ACTIVITY**



## **Preparedness Levels**

### **National Preparedness Level 1**

#### **Northern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 1

#### **Southern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

## **California Fire Potential & Weather Maps**

### **Southern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

### **Northern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

### **California Fire Weather Map Watches and Warnings**

<http://www.wrh.noaa.gov/firewx/main.php>

### **NWS California River Forecast Center:**

<http://www.cnrfc.noaa.gov/>

# **CAL OES 2014 DROUGHT**

## **Cal EOC Incident – 2014 Drought**

- The SOC, Inland, Coastal, and Southern REOCs and the Santa Barbara County EOC are activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Regional (Inland, Coastal, Southern) conference calls continue to occur on a weekly basis.



# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

### **Local Emergency Proclamations:**

**A total of 57 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:**

- 25 Counties: El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 11 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Montague (Siskiyou County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), and City of West Sacramento (Yolo County), City of Willits (Mendocino County), City of Manteca (San Joaquin County), City of Porterville (Tulare County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*